

Product Information

MemDX™ Membrane Protein Human MTCH1 (Mitochondrial carrier 1) Full Length

Cat. No.: **MPC3491K**

This product is for research use only and is not intended for diagnostic use.

This product is a made-to-order Human MTCH1 membrane protein expressed in HEK293. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

MTCH1

Protein Length

Full length

Protein Class

Transporter

TMD

2

Sequence

MGASDPEVAPWARGGAAGMAGAGAGAGARGGAAAGVEARARDPPPAHRAH
PRHPRPAAQPSARRMDGGSGGLGSGDNAPTTEALFVALGAGVTALSHPLL
YVKLLIQVGHEPMPPTLGTNVLGRKVLPLPSFFTYAKYIVQVDGKIGLFR
GLSPRLMSNALSTVTRGSMKKVFPPDEIEQVSNKDDMKTSKKVVKETSY
EMMMQCVSRMLAHLHVISMRCMVQFVGREAKYSGVLSSIGKIFKEEGLL
GFFVGLIPHLLGDVVFLWGCNLLAHFINAYLVDDSVSDTPGGLGNDQNPG
SQFSQALAIRSYTKFVMGIAVSMLTYPFLLVGDLMVNNCGLQAGLPPYS
PVFKSWIHCWKYLSVQGGQLFRGSSLLFRRVSSGSCFALE

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

Target**Target Protein**

MTCH1

Full Name

Mitochondrial carrier 1

Introduction

This gene encodes a member of the mitochondrial carrier family. The encoded protein is localized to the mitochondrion inner membrane and induces apoptosis independent of the proapoptotic proteins Bax and Bak. Pseudogenes on chromosomes 6 and 11 have been identified for this gene. Alternatively spliced transcript variants encoding multiple isoforms have been observed.

Alternative Names

MTCH1; PSAP; PIG60; CGI-64; SLC25A49; mitochondrial carrier homolog 1; cell proliferation-inducing protein 60; presenilin-associated protein; solute carrier family 25, member 49; Mitochondrial carrier 1

Gene ID

[23787](#)

UniProt ID

[Q9NZJ7](#)